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GOLD MEDALS AND CERTIFICATES AWARDED FOR "IMENI" PRIZES

In accordance with established tradition, gold medals and certificates for "Imeni" prizes of the Academy of Sciences USSR were awarded in a gala ceremony at the annual meeting of the Academy, to scientists honored for outstanding scientific research work.

In 1947 the Academy of Sciences USSR, for the first time in 10 years, strove to organize its bonus system, by which the committees for "Imeni" prizes of the Academy of Sciences and for gold medals conducted competitions, examined the work, and rendered decisions for approval of the Presidium of the Academy of Sciences. On the basis of the materials presented by the committees, the Presidium awarded prizes and gold medals to a large group of scientists.

Gold medals awarded were: the gold medal imeni A. P. Karpinskiy to Academician V. A. Obruchev for a series of works in geological sciences; imeni V. V. Dokuchaev to Academician L. I. Prasolov for the work "World Land Map"; imeni I. I. Mechnikov (for 1946) to Academician L. A. Orbeli; for a series of works on evolutionary physiology.

The Presidium awarded "Imeni" prizes of the Academy of Sciences USSR as follows:

The Prize imeni L. I. Mandel'shtam for 20,000 rubles -- to two competitors: (1) Candidate of Physical-Mathematical Sciences L. A. Vaynshteyn for the work "A Rigorous Solution of the Problem of the Plane Open-End Waveguide"; and (2) the co-author collaborator Doctor of Physical-Mathematical Sciences S. M. Rytov and Candidates of Physical-Mathematical Sciences A. M. Prokhorov and M. E. Zhabotniskiy for the works "Theory of Stabilization (Parts I and II)," "Extending the Field of Application of the Method of Small Parameters," "Special Case in a System With Two Degrees of Freedom," "Frequency Stabilization in the Theory of Small Parameters," and "Theory of Frequency Stabilization."

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The Prize imeni E. S. Fedorov for 10,000 rubles--to Corresponding Member of the Academy of Sciences USSR N. V. Belov for "The Structure of Ionic Crystals and Metallic Phases."

The Prize imeni S. V. Lebedev for 15,000 rubles--to two competitors:
 (1) Doctor of Chemical Sciences B. A. Dolgoplosk for "Research in the Field of Polymerization Under the Influence of the Diazoamino Bond" and
 (2) the co-author collaborators Corresponding Member of the Academy of Sciences USSR A. D. Petrov and Candidate of Chemical Sciences L. I. Antsus for "Catalytic Hydropolymerization of Acetylene." The same prize for 5,000 rubles--to Candidate of Chemical Sciences A. I. Yurzhenko for "The Mechanism of the Formation of Synthetic Latexes in Connection With the Process of Diffusion Monomers in Aqueous Solutions of an Emulsifier."

The Prizes imeni D. I. Mendeleev for 10,000 rubles each: (1) to the co-author collaborators Doctor of Technical Sciences V. I. Ivanov and Candidate of Chemical Sciences O. P. Golova for "Determination of the Molecular Weight of Cellulose"; and (2) to Doctor of Technical Sciences A. Z. Yurovskiy for "The Sulfur of Coals (Genesis, Removal, Use)."

The Prize imeni N. S. Kurnakov for 10,000 rubles--to Corresponding Member of the Academy of Sciences USSR I. B. Tananayev for the work "The Measurement of Light Absorption in Solutions as a Method in Physicochemical Analysis."

The Prize imeni S. M. Kirov for 50,000 rubles--to two competitors:
 (1) Doctor of Geological-Mineralogical Sciences O. A. Vorob'yeva; and (2) Doctor of Geological-Mineralogical Sciences V. I. Gerasimovskiy, both for mineral-petrochemical exploration of the alkali massifs of the Kola Peninsula.

The Prize imeni A. E. Fersman for 10,000 rubles--to Doctor of Geological-Mineralogical Sciences V. G. Melkov for work concerned with deposits of rare elements.

The Prize imeni A. P. Karpinskiy for 25,000 rubles--to two competitors:
 (1) Doctor of Geological-Mineralogical Sciences D. M. Rauzer-Chernousovaya for the work "Stratigraphy and Phases of the Upper Carboniferous Artinskian Deposits of the Bashkir Pre-Ural Depression (on the Basis of the Study of Fusulina," Parts I and II; and (2) Doctor of Geological-Mineralogical Sciences V. I. Gromov for "Paleontological Basis of the Stratigraphy of Continental Deposits of the Quaternary Period of the USSR."

The Prize imeni V. R. Vil'yams for 10,000 rubles--to Doctor of Biological Sciences E. K. Mishustin for the work "Ecologico-Geographic Variability of Soil Bacteria."

The Prize imeni A. O. Kovalevskiy for 10,000 rubles--to two competitors:
 (1) Doctor of Biological Sciences A. N. Studitskiy for "Endocrine Correlations in the Embryonic Development of Higher Vertebrates"; and (2) Candidate of Biological Sciences A. S. Ginsburg for "Process of Determining the Labyrinth of the Urodela and its Specific Characteristics."

The Prize imeni V. L. Komarova for 20,000 rubles--to two competitors:
 (1) Doctor of Biological Sciences YA. I. Prokhanov for "The Cotton Plant and Its Wild Varieties"; and (2) Doctor of Biological Sciences E. O. Korovin, Active Member of the Academy of Sciences Uzbek SSR, for "Illustrated Monograph of the Genus *Ferula*."

The Prizes imeni I. P. Pavlov for 20,000 rubles each: (1) for 1946--to Candidate of Biological Sciences V. S. Sherelovaya for the works "Experiments on an Isolated Preganglionated Sympathetic Filament of Homiotherms" and "The Mechanism of Transmission of Stimulation in the Upper Cervical Ganglia"; and (2) for 1947--to Professor I. S. Tsitovich for the work "The Pharmacology and Physiology of Growth Changes."

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The Prize imeni A. N. Bakha for 25,000 rubles--to Doctor of Biological Sciences D. M. Mikhlin for the work "Peroxides and Peroxidases."

The Prize imeni A. N. Severtsov for 10,000 rubles--to Candidate of Biological Sciences M. S. Gilyarov for the work "Adaptations to Life on Land and Their Significance in the Evolution of Insects."

The Prize imeni S. A. Chaplygin for 10,000 rubles--to Corresponding Member of the Academy of Sciences USSR L. I. Sedov for the work "The Propagation of Strong Explosive Waves."

The Prize imeni N. N. Miklukho-Maklaya for 10,000 rubles--to two competitors: (1) Doctor of Historical Sciences M. O. Kozlov for the work "Matriarchy"; and (2) to Doctor of Historical Sciences N. N. Cheboksarov for "The Northern Chinese and Their Neighbors."

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